## IN THE CLAIMS:

A complete set of all pending claims is provided herein.

Claims 1-14 (canceled)

- 15. (previously presented) A system for extending and retracting an object outside and inside an outside surface of a body, comprising:
  - a mounting structure attached within the body;
  - a platform to which the object is attached;
- a mechanism for extending and retracting the platform, outside and inside the body, along a linear movement path; and
- a linear guide connected to the mounting structure at a first end of the linear guide and connected to the platform at a second end of the linear guide, wherein the linear guide is engaged by an annular engagement structure connected to the platform, which engages a threaded screw, and comprises an elongated member disposed along and in parallel to a linear movement path of the platform to stabilize and direct linear movement of the platform in an atmosphere.

- 16. (previously presented) The system of claim 15, wherein the body is an aircraft.
- 17. (previously presented) The system of claim 15, wherein the object is a sensor.
- 18. (previously presented) The system of claim 15, wherein the object is a camera.
- 19. (previously presented) The system of claim 15, wherein the mechanism is electrically driven.
- 20. (previously presented) The system of claim 15, wherein the mechanism is hydraulically driven.
- 21. (previously presented) The system of claim 15, wherein the mechanism is magnetically driven.
- 22. (previously presented) The system of claim 15, wherein the mechanism is pneumatically driven.
- 23. (previously presented) The system of claim 15, wherein the mechanism comprises a linear motion screw.
- 24. (previously presented) The system of claim 15, wherein the mechanism comprises a clutch and brake apparatus.

- 25. (previously presented) The system of claim 15, wherein the body comprises concealment doors that are opened upon extending the object, and closed upon retracting the object.
- 26. (previously presented) The system of claim 15, wherein the mounting structure is fitted into the shape of the body so as limit intrusion into the body.
- 27. (previously presented) A method for extending and retracting an object outside and inside an outer surface of a body, comprising:

providing a movable platform comprising a mounting structure attached within the body, and a linear guide fixed to the mounting structure, wherein the linear guide is engaged by an annular engagement structure connected to the platform, which engages a threaded screw, and comprises an elongated member disposed along and in parallel to a linear movement path of the platform;

attaching the object to a platform; and

extending and retracting a platform outside and inside the body

along the linear movement path of the platform, wherein the linear guide stabilizes and directs linear movement of the movable platform in an atmosphere.

- 28. (previously presented) The method of claim 27, wherein the body is an aircraft.
- 29. (previously presented) The method of claim 27, wherein the object is a sensor.
- 30. (previously presented) The method of claim 27, wherein the object is a camera.
- 31. (previously presented) The method of claim 27, wherein the step of extending is performed by an electrically driven mechanism.
- 32. (previously presented) The method of claim 27, wherein the step of extending is performed by a hydraulically driven mechanism.
- 33. (previously presented) The method of claim 27, wherein the step of extending is performed by a magnetically driven system.
- 34. (previously presented) The method of claim 27, wherein the step of extending is performed by a pneumatically driven system.

- 35. (previously presented) The method of claim 27, wherein the step of extending is performed using a linear motion screw.
- 36. (previously presented) The method of claim 27, wherein the step of extending is performed using a clutch and brake apparatus.